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Amendments in the Claims

- 1. (Withdrawn) A particle, comprising:
 - (1) a core, comprising calcium phosphate;
 - (2) a therapeutic agent associated with the core; and
 - (3) a layer comprising casein at least partially covering the core.
- 2. (Withdrawn) The particle of claim 1, wherein the therapeutic agent is selected from the group consisting of insulin, Alpha-1-Antitrypsin, Human Growth Hormone (HGH); Erythropoeitin (EPO), Steroids, drugs to treat osteoporosis, blood coagulation factors, anticancer drugs, antibiotics, lipase, garanulocyte-colony stimulating factor (G-CSF), Beta-Blockers, anti-asthma, anti-sense oligonucleotides, therapeutic antibodies, DNase enzyme for respiratory diseases, anti-inflammatory drugs, anti-virals, anti-hypertensives, cardiotherapeutics, antiarrythmia drugs, gene therapies; diuretics, anti-clotting chemicals, and any combination thereof.
- 3. (Withdrawn) The particle of claim 1, wherein the particle size ranges from about 300 nm to about 10 microns.
- 4. (Withdrawn) The particle of claim 1, wherein the therapeutic agent is at least partially coated on the outside of the core, at least partially encapsulated within the core, or a combination of both.
- 5. (Withdrawn) The particle of claim 1, further comprising a surface modifying agent at least partially coated on the outside of the core, at least partially embedded within the core, or a combination of both.
- 6. (Withdrawn) The particle of claim 5, wherein the surface modifying agent is selected from the group consisting of basic sugars, modified sugars, polyethylene glycol, cellobiose,

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oligonucleotides, carbohydrates, carbohydrate derivatives, macromolecules with carbohydratelike components, and combinations thereof.

- 7. (Withdrawn) A therapeutic composition comprising the particle of claim 1 and a pharmaceutically acceptable excipient.
- 8. (Withdrawn) The therapeutic composition of claim 7, wherein the therapeutic agent is insulin.
- 9. (Withdrawn) A therapeutic composition suitable for oral delivery of insulin, comprising:
 - (1) a core comprising calcium phosphate;
 - insulin and polyethylene glycol associated with the core; wherein the insulin and polyethylene glycol are at least partially encapsulated within the core;
 - (3) a capsule comprising casein at least partially covering the core; wherein the capsule is combined with a pharmaceutically acceptable excipient.
- 10. (Withdrawn) A method of preparing one or more particles having calcium phosphate complexed with a therapeutic agent to form a particle, wherein the particle is encapsulated by casein, comprising:
 - reacting a soluble calcium salt, a soluble phosphate salt, and the therapeutic agent to form a mixture;
 - (b) dispersing the mixture in a solution of casein.
- 11. (Withdrawn) The method of claim 10, wherein the reacting (a) further comprises:
 - (i) mixing the therapeutic agent with a surface modifying agent; and
 - (ii) reacting the soluble calcium salt and the soluble phosphate salt with the therapeutic agent and surface modifying agent to form the mixture.

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- 12. (Currently Amended) A method for delivering a therapeutic amount of a therapeutic agent to a patient in need thereof, comprising orally delivering one or more particles of claim 1. comprising:
 - (1) a core, comprising calcium phosphate;
 - (2) a therapeutic agent associated with the core; and
 - (3) a layer comprising casein at least partially covering the core.